

References and some Links.

- Albee A.L., Gancarz A.J. and Chodos A.A. (1973) Metamorphism of Apollo 16 and 17 -metaclastic rocks. *Proc. Lunar Sci. Conf.* **4th**, 569-596.
- Alibert C., Norman M.D. and McCulloch M.T. (1994) An ancient Sm-Nd age for a ferroan noritic anorthosite clast from lunar breccia 67016. *Geochim. Cosmochim. Acta* **58**, 2921-2926.
- Apollo 17 Preliminary Examination Team (1973) Apollo 17 Lunar Samples. *Science* **182**, 659-690.
- Basaltic Volcanism Team (1981) Basaltic Volcanism on the Terrestrial Planets. (Lunar and Planetary Institute) Houston pp. 1286.
- Belton M.J.S. and 19 authors (1992) Lunar impact basins and far side data from Galileo. *Science* **255**, 570-576.
- Bogard D.A. (1983) Meteorite from the moon. *Geophys. Res. Letters* **10** (several papers).
- Borg L., Norman M., Nyquist L., Bogard D., Snyder G., Taylor L. and Lindstrom M. (1999) Isotopic studies of ferroan anorthosite 62236: A young lunar crustal rock from a light rare-earth-element-depleted source. *Geochim. Cosmochim. Acta* **63**, 2679-2691.
- Cadogan P.H. (1981) The Moon - Our Sister Planet. (Cambridge University Press) pp. 391.
- Canup R.M. and Righter K. (2000) Origin of the Earth and Moon. (Univ. of Arizona Press) pp. 555.
- Carlson R.W. and Lugmair G.W. (1988) The age of ferroan anorthosite 60025: Oldest crust on a young moon? *Earth Planet. Sci. Lett.* **90**, 119-130.
- Clarke, Kevin (2003) Inconstant Moon. <http://www.inconstantmoon.com/inconstant.htm>
- Cohen B.A. (2001) Lunar meteorites and the lunar cataclysm. <http://www.psr.hawaii.edu/Jan01/lunarCataclysm.html>
- Delano J.W. and Livi K. (1981) Lunar volcanic glasses. *Geochim. Cosmochim. Acta* **45**, 2137-2149.
- Drake M.J. (1975) Lunar anorthosite paradox. *Proc. Lunar Sci. Conf.* **6th**, 293-299.
- Dungan M.A. and Brown R.W. (1977) The petrology of the Apollo 12 basalt suite. *Proc. Lunar Sci. Conf.* **8th**, 1339-1381.
- Dymek R.F., Albee A.L. and Chodos A.A. (1975) Comparative petrology of lunar cumulate rocks. *Proc. Lunar Sci. Conf.* **6th**, 301-341.
- French B.M. and Short N.M. (1968) Shock Metamorphism of Natural Materials. (Proceedings) (Mono Book Corp., Baltimore), pp. 644.
- Grove T.L., Walker D., Longhi J., Stopler E. and Hays J.F. (1973) Petrology of 12002 and the origin of picrotic basalts. *Proc. Lunar Sci. Conf.* **4th**, 995- 1011.
- Hanan B.B. and Tilton G.R. (1987) 60025: Relict of primitive lunar crust ? *Earth Planet Sci.* **84**, 15-21.
- Hartmann W.K., Phillips R.J. and Taylor G.J. (1986) Origin of the Moon. (Proceedings) (Lunar and Planetary Institute, Houston), pp. 781.
- Head J.W. (1976) Lunar volcanism in space and time. *Rev. Geophys. Space Phys.* **14**, 265-300.
- Heiken G., McKay D.S. and Brown R.W. (1974) Lunar deposits of possible pyroclastic origin. *Geochim. Cosmochim. Acta* **38**, 1703-1718.
- Heiken G. (1975) Petrology of lunar soils. *Rev. Geophys. and Space Phys.* **13**, 567-587.
- Heiken G., Vaniman D. and French B. (1991) Lunar Sourcebook. Cambridge Univ. Press.
- Hertogen J., Janssens M.J., Takahashi H., Palme H. and Anders E. (1977) Lunar basins and craters. *Proc. Lunar Sci. Conf.* **8th**, 17-45.
- Howard K.A., Williams D.E. and Scott D.H. (1974) Lunar basin formation and highland stratigraphy. *Rev. Geophys. Space Phys.* **12**, 309-327.
- James O.B. and Flohr M.K. (1983) Subdivision of the Mg-Suite noritic rocks. *Proc. Lunar Sci. Conf.* **13th**, *J. Geophys. Res.* **88**, 603-614.
- Jones, Eric (2000) Apollo Lunar Surface Journal. <http://history.nasa.gov/alsj/>

- Korotev R.L. (2003) Lunar Meteorites. http://epsc.wustl.edu/admin/resources/moon_meteorites.html
- Lawrence D.J., Feldman W.C., Barraclough B.L., Binder A.B., Elphic R.C., Maurice S., and Thomsen D.R. (1998) Global Elemental Maps of the Moon: The Lunar Prospector Gamma-Ray Spectrometer. *Science*, **281**, 1484-1489.
- Lofgren G.E., Donaldson C.H., Williams R.J., Mullins O. and Usselman T.M. (1974) Experimentally reproduced textures of Apollo 15 basalts. *Proc. Lunar Sci. Conf.* **5th**, 549-567.
- Longhi J., Walker D., Grove T.L., Stopler E.M. and Hays J.F. (1974) The petrology of the Apollo 17 mare basalts. *Proc. Lunar Sci. Conf.* **5th**, 447-469.
- McCallum I.S. and Mathez E.A. (1975) Petrology of noritic cumulates. *Proc. Lunar Sci. Conf.* **6th**, 395-414.
- Mendell W.W. (1985) Lunar Bases. (Lunar and Planetary Institute, Houston), pp. 865.
- Meyer C., McKay D.S., Anderson D.H. and Butler P. (1975) The source of sublimates on the Apollo 15 green and Apollo 17 orange glass samples. *Proc. Lunar Sci. Conf.* **6th**, 673-699.
- Meyer C. and Yang S.-V. (1988) Tungsten-bearing ytterbafite in lunar granophyre. *American Mineralogist* **73**, 1420-1425.
- Meyer C., Williams I.S. and Compston W. (1996) Uranium-lead ages for lunar zircons: Evidence for a prolonged period of granophyre formation from 4.32 to 3.88 BY. *Meteoritics & Planet. Sci.* **31**, 370-387.
- Morris R.V. (1978) The surface exposure of lunar soils. *Proc. Lunar Sci. Conf.* **9th**, 2287-2297.
- Norman M.D., Borg L.E., Nyquist L.E. and Bogard D.D. (2003) Chronology, geochemistry, and petrology of a ferroan noritic anorthosite clast from Decartes breccia 67215: Clues to the age, origin, structure, and impact history of the lunar crust. *Meteoritics & Planet. Sci.* **38**, 645-661.
- Nyquist L.E. and Shih C.-Y. (1992) The isotopic record of lunar volcanism. *Geochim. Cosmochim. Acta* **56**, 2213-2234.
- Papike J.G., Hodges F.N., Bence A.E., Cameron M. and Rhodes J.M. (1976) Mare basalts: crystal chemistry, mineralogy and petrology. *Rev. Geophys. Space Phys.* **14**, 475-540.
- Papike J.G., Simon S.B. and Laul J.C. (1982) The Lunar Regolith. *Rev. Geophys. Space Phys.* **20**, 761-826.
- Papike J.G., Ryder G. and Shearer C.K. (1998) Lunar Samples. In "Planetary Materials" (ed. Papike). *Reviews in Mineralogy* **36**, ch.5, pp. 234. Mineralogical Society of America
- Proceedings (1970-1991) These "Proceedings" were the product of yearly Lunar Science Conferences first published by the Geochemical Society (1970-1981), then by the Geophysical Society (1982-1987) and then by the Lunar Planetary Institute (1988-1991). Most papers describing lunar samples were published in these peer-reviewed "Proceedings".
- Roddy D.J., Pepin R.O. and Merrill R.B. (1976) Impact and Explosion Cratering. (Proceedings) The Lunar Science Institute, Houston. pp. 1301.
- Ryder G. (1982) Lunar anorthosite 60025. *Geochim. Cosmochim. Acta* **46**, 1591-1601.
- Ryder G. (1990) Lunar samples, lunar accretion and the early bombardment of the Moon. *EOS March* 6, 313-315.
- Sato M., Hicklin N.L. and McLane J.E. (1973) Oxygen fugacity values of lunar samples. *Proc. Lunar Sci. Conf.* **4th**, 1061-1079.
- Schonfeld E. and Meyer C. (1972) The abundances of components of the lunar soil. *Proc. Lunar Sci. Conf.* **3rd**, 1397-1420.
- Science (1994) Vol. **266**, 1777-1916. (many papers on the Clementine Mission)
- Sclar C.B. and Bauer J.F. (1975) Shock-induced melting in norite 78235. *Proc. Lunar Sci. Conf.* **6th**, 799-820.
- Shervais J.W., Taylor L.A. and Laul J.C. (1983) Ancient crustal components in the Fra Mauro breccias. *Proc. Lunar Planet. Sci. Conf.* 14th, *J. Geophys. Res.* **88**, 77-192.
- Shih C.-Y., Nyquist L.E., Dash E.J., Bogard D.D., Bansal B.M. and Wiesmann H. (1993) Ages of pristine noritic clasts from lunar breccias 15445 and 15455. *Geochim. Cosmochim. Acta* **57**, 915-931.
- Simon S.B., Papike J.J. and Gosselin D.C. (1986) Petrology of the Apollo 15 regolith breccias. *Geochim. Cosmochim. Acta* **50**, 2675-2691.
- Simonds C.H., Warner J.L. and Phinney W.C. (1973) Petrology of Apollo 16 poikilitic rocks. *Proc. Lunar Sci. Conf.* **4th**, 613-632.

- Simonds C.H., Phinney W.C. and Warner J.L. (1977) Apollo 14 breccias. *Proc. Lunar Sci. Conf.* **8th**, 1869-1893.
- Solomon S.C. and Longhi J. (1977) Magma oceanography. *Proc. Lunar Sci. Conf.* **8th**, 583-599.
- Smith J.V. and Steele I.M. (1976) Lunar mineralogy. *American Mineralogist* **61**, 1059-1116.
- Spudis P.D. and Ryder G. (1981) Apollo 17 impact melts. In Multi-Ring Basins. *Proc. Lunar and Planet. Sci.* 12th (Pergamon Press) 133-148.
- Steele I.M. (1975) Mineralogy of lunar norite 78235. *American Mineralogist* **60**, 1086-1091.
- Stoeser D.B., Marvin U.B., Wood J.A., Wolfe R.W. and Bower J.F. (1974) Petrology of a stratified boulder from the south massif, Taurus-Littrow. *Proc. Lunar Sci. Conf.* **5th**, 355-377.
- Stöffler D., Knoll H.D., Marvin U.B., Simonds C.H. and Warren P.H. (1980) Classification of lunar breccias. In Proc. Conf. Lunar Highlands Crust, ed., Papike and Merrill (Pergamon Press), 51-70.
- Taylor S.R. (1975) Lunar Science: A Post- Apollo View. (Pergamon Press), pp. 372.
- Taylor S.R. (1982) Planetary Science: A Lunar Perspective. Lunar and Planetary Institute, Houston. pp. 481.
- Taylor G.J. (1994) Legacy of Apollo. *Scientific American* **271**, 40-47.
- Taylor G.J. (1998) The biggest hole in the solar system. <http://www.psrd.hawaii.edu/July98/spa.html>
- Taylor G.J. (2000) The surprising lunar maria. <http://www.psrd.hawaii.edu/June00/lunarMaria.html>
- Taylor G.J. (2000) A new moon for the twenty-first century. <http://www.psrd.hawaii.edu/Aug00/newMoon.html>
- Taylor G.J. (2002) The moon beyond 2002. <http://www.psrd.hawaii.edu/Oct02/moon.html>
- Walker D. and Hays J.F. (1977) Plagioclase floatation and lunar crust formation. *Geology* **5**, 425-428.
- Walker D. (1983) Lunar and terrestrial crust formation. *Proc. Lunar Planet. Sci. Conf.* **14th**, *J. Geophys. Res.* **88**, 17-25.
- Warner J.L. and Bickel C.E. (1978) Lunar plutonic rocks. *American Mineralogist* **63**, 1010-1015.
- Warren P.H. and Wasson J.T. (1977) Pristine nonmare rocks and the nature of the lunar crust. *Proc. Lunar Sci. Conf.* **8th**, 2215-2235.
- Warren P.H. (1985) The magma ocean concept and lunar evolution. *Ann. Rev. Earth Planet. Sci.* **13**, 201-240.
- Weill D.F., Grieve R.A., McCallum I.S. and Bottinga Y. (1971) Mineralogy-petrology of lunar samples: Viscosity of melts. *Proc. Lunar Sci. Conf.* **2nd**, 413-430.
- Weitz C.M. (1997) Explosive volcanic eruptions on the moon. <http://www.psrd.hawaii.edu/Feb97/MoonVolcanics.html>
- Wolf E.W., Bailey N.G., Lucchitta B.K., Muehlberger W.R., Scott D.H., Sutton R.L. and Wilshire H.G. (1981) The geologic investigation of the Taurus-Littrow valley; Apollo 17 landing site. Geological Survey Professional Paper 1080. GPO, Washington D.C., pp. 280.